

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
(Includes Reference to Provisional and PCT International Applications)**

Attorney's Docket No.
013155-063

3

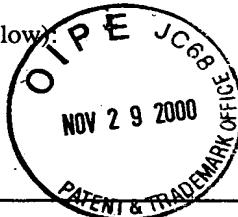
As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor
(if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention
entitled:

THREE DIMENSIONAL OBJECT POSE ESTIMATION WHICH EMPLOYS DENSE DEPTH INFORMATION

the specification of which (check only one item below):

- is attached hereto.
- was filed as United States application
Number _____
on March 8, 2000
and was amended
on _____ (if applicable).
- was filed as PCT international application
Number _____
on _____
and was amended
on _____ (if applicable).



I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,
as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in
Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the
United States of America listed below and have also identified below any foreign application(s) for patent or inventor's
certificate or any PCT international application(s) designating at least one country other than the United States of America
filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. § 119
			<u> </u> Yes <u> </u> No
			<u> </u> Yes <u> </u> No
			<u> </u> Yes <u> </u> No
			<u> </u> Yes <u> </u> No
			<u> </u> Yes <u> </u> No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed
below.

60/123,329

(Application Number)

March 8, 1999

(Filing Date)

60/124,158

(Application Number)

March 10, 1999

(Filing Date)

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)	Attorney's Docket No. 013155-063
--	-------------------------------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120:

U.S. APPLICATIONS		STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATIONS DESIGNATING THE U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	R. Danny Huntington	27,903	Gerald F. Swiss	30,113
Robert S. Swecker	19,885	Eric H. Weisblatt	30,505	Michael J. Ure	33,089
Platon N. Mandros	22,124	James W. Peterson	26,057	Charles F. Wieland III	33,096
Benton S. Duffett, Jr.	22,030	Teresa Stanek Rea	30,427	Bruce T. Wieder	33,815
Norman H. Stepno	22,716	Robert E. Krebs	25,885	Todd R. Walters	34,040
Ronald L. Grudziecki	24,970	William C. Rowland	30,888	Ronni S. Jillions	31,979
Frederick G. Michaud, Jr.	26,003	T. Gene Dillahunt	25,423	Harold R. Brown III	36,341
Alan E. Kopecki	25,813	Patrick C. Keane	32,858	Allen R. Baum	36,086
Regis E. Slutter	26,999	Bruce J. Boggs, Jr.	32,344	Steven M. du Bois	35,023
Samuel C. Miller, III	27,360	William H. Benz	25,952	Brian P. O'Shaughnessy	32,747
Robert G. Mukai	28,531	Peter K. Skiff	31,917	Kenneth B. Leffler	36,075
George A. Hovanec, Jr.	28,223	Richard J. McGrath	29,195	Fred W. Hathaway	32,236
James A. LaBarre	28,632	Matthew L. Schneider	32,814		
E. Joseph Gess	28,510	Michael G. Savage	32,596		



21839

and:

Address all correspondence to:



21839

James A. LaBarre
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

Address all telephone calls to: James A. LaBarre at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)		Attorney's Docket No. 013155-063
FULL NAME OF SOLE OR FIRST INVENTOR Michele M. Covell		SIGNATURE <i>Michele Covell</i> DATE 4/6/00
RESIDENCE Los Altos Hills, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS 12121 Page Mill Road, Los Altos Hills, California 94022, United States of America		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY Michael Hongmai Lin		SIGNATURE
RESIDENCE Moorhead, Minnesota		CITIZENSHIP
POST OFFICE ADDRESS 1311 19th Street South, Moorhead, Minnesota 56560, United States of America		
FULL NAME OF THIRD JOINT INVENTOR, IF ANY Ali Rahimi		SIGNATURE
RESIDENCE Belmont, California		CITIZENSHIP
POST OFFICE ADDRESS 2751 Belmont Canyon Road West, Belmont, California 94002, United States of America		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Michael Harville		SIGNATURE <i>Michael Harville</i> DATE 7/28/00
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS Post Office Box 60181, Palo Alto, California 94306, United States of America		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY Trevor J. Darrell		SIGNATURE
RESIDENCE San Francisco, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS 64 Guy Place, San Francisco, California 94105, United States of America		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY John I. Woodfill		SIGNATURE
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS 777 Rhode Island #3, San Francisco, California 94107, United States of America		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY Harlyn Baker		SIGNATURE
RESIDENCE Los Altos, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS 414 Paco Drive, Los Altos, California 94024, United States of America		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Gaile G. Gordon		SIGNATURE
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America
POST OFFICE ADDRESS 4237 Manuela Avenue, Palo Alto, California 94306, Untied States of America		

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)
(Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.
 013155-063

FULL NAME OF SOLE OR FIRST INVENTOR <u>Michele M. Covell</u>		SIGNATURE	DATE
RESIDENCE <u>Los Altos Hills, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>12121 Page Mill Road, Los Altos Hills, California 94022, United States of America</u>			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY <u>Michael Hongmai Lin</u>		SIGNATURE	DATE
RESIDENCE <u>Stanford, California</u>		CITIZENSHIP	
POST OFFICE ADDRESS <u>Stanford, California</u>			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY <u>Ali Rahimi</u>		SIGNATURE <i>Ali Rahimi</i>	DATE <i>9/13/00</i>
RESIDENCE <u>Belmont, California</u>		CITIZENSHIP	
POST OFFICE ADDRESS <u>2751 Belmont Canyon Road West, Belmont, California 94002, United States of America</u>			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY <u>Michael Harville</u>		SIGNATURE <i>Michael Harville</i>	DATE <i>4/14/00</i>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>Post Office Box 60181, Palo Alto, California 94306, UNITED STATES OF AMERICA</u>			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY <u>Trevor J. Darrell</u>		SIGNATURE	DATE
RESIDENCE <u>San Francisco, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>64 Guy Place, San Francisco, California 94105, United States of America</u>			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY <u>John I. Woodfill</u>		SIGNATURE	DATE <i>4/11/00</i>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>301 Brant St., PALO ALTO, CA 94301</u>			
77 Rhode Island #3, San Francisco, California 94107, United States of America			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY <u>Harlyn Baker</u>		SIGNATURE <i>Harlyn Baker</i>	DATE <i>4/14/00</i>
RESIDENCE <u>Los Altos, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>414 Paco Drive, Los Altos, California 94024, United States of America</u>			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY <u>Gaile G. Gordon</u>		SIGNATURE <i>Gaile G. Gordon</i>	DATE <i>4/14/00</i>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>4237 Manuela Avenue, Palo Alto, California 94306, United States of America</u>			

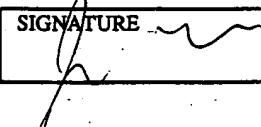
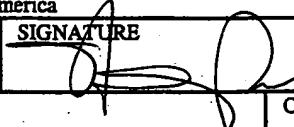
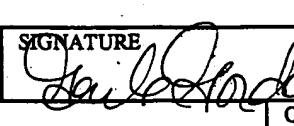
COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)
 (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.
 013155-063

FULL NAME OF SOLE OR FIRST INVENTOR Michele M. Covell		SIGNATURE	DATE
RESIDENCE Los Altos Hills, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS 12121 Page Mill Road, Los Altos Hills, California 94022, United States of America			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY Michael Hongmai Lin		SIGNATURE <i>Michael H. L.</i>	DATE 10/20/00
RESIDENCE Menlo Park, California Stamford, California		CITIZENSHIP	
POST OFFICE ADDRESS 600 Sharon Park Drive # C-107, Menlo Park, California 94025, USA Stamford, California			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY Ali Rahimi		SIGNATURE	DATE
RESIDENCE Belmont, California		CITIZENSHIP	
POST OFFICE ADDRESS 2751 Belmont Canyon Road West, Belmont, California 94002, United States of America			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Michael Harville		SIGNATURE <i>Michael Harville</i>	DATE 4/14/00
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS Post Office Box 60181, Palo Alto, California 94306, UNITED STATES OF AMERICA			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY Trevor J. Darrell		SIGNATURE	DATE
RESIDENCE San Francisco, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS 64 Guy Place, San Francisco, California 94105, United States of America			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY John I. Woodfill		SIGNATURE <i>J. I. Woodfill</i>	DATE 4/11/00
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS 301 Bryant St., PALO ALTO, CA 94301 277 Rhode Island #3, San Francisco, California 94107, United States of America			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY Harilyn Baker		SIGNATURE <i>Harilyn Baker</i>	DATE 4/14/00
RESIDENCE Los Altos, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS 414 Paco Drive, Los Altos, California 94024, United States of America			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Gaile G. Gordon		SIGNATURE <i>Gaile G. Gordon</i>	DATE 4/14/00
RESIDENCE Palo Alto, California		CITIZENSHIP United States of America	
POST OFFICE ADDRESS 4237 Manuela Avenue, Palo Alto, California 94306, United States of America			

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)
 (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.
 013155-063

FULL NAME OF SOLE OR FIRST INVENTOR <u>Michele M. Covell</u>		SIGNATURE	DATE
RESIDENCE <u>Los Altos Hills, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>12121 Page Mill Road, Los Altos Hills, California 94022, United States of America</u>			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY <u>Michael Hongmai Lin</u>		SIGNATURE	DATE
RESIDENCE <u>Stanford, California</u>		CITIZENSHIP	
POST OFFICE ADDRESS <u>Stanford, California</u>			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY <u>Ali Rahimi</u>		SIGNATURE	DATE
RESIDENCE <u>Belmont, California</u>		CITIZENSHIP	
POST OFFICE ADDRESS <u>2751 Belmont Canyon Road West, Belmont, California 94002, United States of America</u>			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY <u>Michael Harville</u>		SIGNATURE 	DATE <u>4/14/00</u>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>Post Office Box 60181, Palo Alto, California 94306, UNITED STATES OF AMERICA</u>			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY <u>Trevor J. Darrell</u>		SIGNATURE 	DATE <u>10/20/00</u>
RESIDENCE <u>San Francisco, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>64 Guy Place, San Francisco, California 94105, United States of America</u>			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY <u>John I. Woodfill</u>		SIGNATURE 	DATE <u>4/11/00</u>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>301 Brant St., PALO ALTO, CA 94301</u>			
<u>277 Rhode Island #3, San Francisco, California 94107, United States of America</u>			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY <u>Harlyn Baker</u>		SIGNATURE 	DATE <u>5/14/00</u>
RESIDENCE <u>Los Altos, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>414 Paco Drive, Los Altos, California 94024, United States of America</u>			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY <u>Gaile G. Gordon</u>		SIGNATURE 	DATE <u>4/14/00</u>
RESIDENCE <u>Palo Alto, California</u>		CITIZENSHIP <u>United States of America</u>	
POST OFFICE ADDRESS <u>4237 Manuela Avenue, Palo Alto, California 94306, United States of America</u>			